

CASE STUDY

CHICAGO GREEN BUNGALOW INITIATIVE



Richard M. Daley
Mayor

A. GOALS OF THE GREEN BUNGALOW INITIATIVE

- ❑ To demonstrate creative methods of rehabbing bungalows that appeal to contemporary homeowners while preserving the historic character of the homes
- ❑ To demonstrate innovative energy efficient and environmentally sustainable techniques to renovate and landscape bungalows
- ❑ To encourage homeownership in the Chicago Lawn/Gage Park neighborhoods through visible neighborhood revitalization
- ❑ To strengthen the cohesiveness of the neighborhood through a variety of streetscape improvements
- ❑ To protect the market values in Chicago Lawn/Gage Park

B. PARTNERS IN THE GREEN BUNGALOW INITIATIVE

- ❑ City of Chicago Department of Environment
- ❑ City of Chicago Department of Housing
- ❑ U.S. Department of Housing and Urban Development
- ❑ Neighborhood Housing Services – Chicago Lawn
- ❑ NHS Redevelopment Corporation
- ❑ Southwest Home Equity Assurance Program
- ❑ Greater Southwest Development Corporation
- ❑ Historic Chicago Bungalow Association

1. THE HANDICAPPED ACCESSIBLE HOME

Design Features

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- ☐ Retrofitted for wheel chair lift at side entrance
- ☐ First floor master suite and laundry room addition
- ☐ Wheel chair accessible kitchen and bathroom



Green Bungalow Landscapes

- Include environmentally responsible landscape features and green infrastructure components
- Rain barrels, infiltration trenches, native plants, permeable pavers, etc.

1. THE HANDICAPPED ACCESSIBLE HOME

Energy Features

- ❑ Geothermal closed loop system that uses the consistent temperature of the earth to provide heating, cooling and hot water for the property.
- ❑ Rockwool insulation in attic, Icynene foam insulation in sidewalls, and Fiberglass Batts insulation in basement
- ❑ Energy Star appliances
- ❑ Fluorescent lighting

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2. THE HOME OFFICE

Design Features

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- ❑ Home Office addition with separate entrance for clients
- ❑ Partially finished basement connects with home office and contains separate bathroom and kitchenette



2. THE HOME OFFICE

Energy Features

- ❑ Combination heating system that works as a furnace and hot water heater
- ❑ Highly efficient central air conditioner
- ❑ Radiant floor heat in home office addition
- ❑ Energy recovery ventilator
- ❑ Cellulose insulation in attic, Icynene foam insulation in sidewalls, and Fiberglass Batts insulation in basement
- ❑ Fluorescent lighting

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3. THE YOUNG PROFESSIONAL

Energy Features

- ☐ Solar photovoltaic panels that generates dependable, safe, clean electricity
- ☐ High efficiency gas forced air furnace
- ☐ Rockwool, Icynene foam
Fiberglass Batts insulation
- ☐ Fluorescent lighting

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4. THE CLASSIC BUNGALOW

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BEFORE



AFTER

GREEN BUNGALOW INITIATIVE



4. THE CLASSIC BUNGALOW

Energy Features

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- ☐ Sealed combustion boiler system at 87% efficiency
- ☐ Unico high velocity air conditioning
- ☐ Setback thermostat
- ☐ Tankless hot water heater
- ☐ Recycled denim knee walls in attic; Fiberglass Batts in ceiling
- ☐ Fluorescent lighting
- ☐ Energy efficient windows with low-e glass

